

# CARLETON UNIVERSITY

CONVOCATION

for the

CONFERRING OF DEGREES



OTTAWA  
SATURDAY, NOVEMBER 9, 1968

- The audience is requested to stand when the Academic Procession arrives, to remain standing until after the Invocation has been pronounced, and at the conclusion of the Convocation to remain until the Academic Procession has left.

## ORDER OF PROCEEDINGS

Chancellor C. J. MACKENZIE, C.C., C.M.G., M.C., F.R.S., presiding

### PROCESSIONAL MUSIC: Processional Improvisation

John Churchill, B.Mus. London, F.R.C.O., G.R.S.M., L.R.A.M., A.R.C.M., Associate Professor of Music, Carleton University

### O CANADA

### INVOCATION

Cyril G. Williams, B.A., B.D., M.A., Associate Professor of Religion

### ADDRESS OF THE PRESIDENT AND VICE-CHANCELLOR

A. D. Dunton, LL.D., D.Sc.

### UNIVERSITY SINGERS

Conducted by John Churchill

Accompanied by Jean Trevelyan, F.R.C.O., A.R.C.M., L.R.A.M.

### TRIA CARMINA LITTERARIA

MOTET ..... W. A. Mozart  
Venerabilis barba capucinorum

CATCH ..... H. Purcell

*When V and I together meete  
We make up VI in House or Streete;  
Yet I and V may meete once more  
And then we Two can make but IV;  
But when that V from I am gone  
Alas, poor I can make but I.*

QUODLIBET ..... J. von Kirchenberg

*A.D.D! nos celebramus;  
universi conclamamus, —*

*Omnes artes liberales —*

*Scientiae sociales —*

*Scientifica doctrina —*

*Ego deus in machina!*

*Nobis iam conceditur omne quod volumus.*

*Gaudeamus igitur: graduati sumus.*

*— Calamitosus Hellenicus*

*A.D.D! From every tongue  
Hear his joyous praises sung:*

*Every art that's liberal,*

*Social sciences withal,*

*Science that knows not defeat —*

*Engineers are God's elite!*

*All our prayers are answered now, all*

*ambition sated;*

*Sing a gaudeamus now, we have graduated.*

*— Trans. A.T.H.*

### CONFERRING OF DEGREES BY EXAMINATION

### GOD SAVE THE QUEEN

### RECESSIONAL MUSIC

Prelude and Fugue in E flat major ("St. Anne") BWV 552 ..... J. S. Bach  
Jean Trevelyan

●—The President's Reception for participants and their friends will be held after the Convocation in the foyer of the H. M. Tory Science Building, Carleton University.

## RECIPIENTS OF DEGREES

### DOCTOR OF PHILOSOPHY

Presented by Professor M. S. Macphail, Dean of the Faculty of Graduate Studies

ARTHUR WILLIAM HOUNSLOW .....	Sandringham, Australia .....	Geology "Crystal Structures of Two Naturally Occurring Chlorapatites".
B.Sc. (Melbourne)		
M.Sc. (Carleton)		
HAROLD KREHM .....	Ottawa .....	Chemistry "Some Transformations in the Pimamic and Sandaracopimamic Acid Series".
B.A. (Toronto)		
M.A. (Toronto)		
JUNE BARBARA PIMM .....	Ottawa .....	Psychology "Children's Motor Skill and the Partial Reinforcement Acquisition Effect".
B.A. (McGill)		
M.Ps.Sc. (McGill)		

### MASTER OF ARTS

Presented by Professor M. S. Macphail, Dean of the Faculty of Graduate Studies

WILFRED V. BHULE .....	Bulawayo, Rhodesia .....	Public Administration "The Development of Dual Administration in Rhodesia".
B.A. (Tufts)		
JACQUELINE LARKIN BROWN .....	Ottawa .....	Canadian Studies Degree by course work
B.A. (Carleton)		
ROGER ANDREW BRUNET .....	Cochrane, Ont. .....	English "The Mystic Vision of Olaf Stapledon: The Spirit in Crisis".
B.A. (Carleton)		
DONALD RUSSELL CARR .....	Ottawa .....	Political Science Degree by course work
B.A. (McMaster)		
FERNANDO DECHELLIS .....	Sudbury, Ont. .....	Spanish Degree by course work
B.A. (Windsor)		
MARGARET DE SOUZA .....	Ottawa .....	Psychology "Effects of Reinforcement Responsibility and Reinforcement Schedule Upon Instrumental Performance".
B.A. (Carleton)		
GAIL MARILYN DEVLIN .....	Ottawa .....	Canadian Studies Degree by course work
B.A. (Saskatchewan)		
ROBIN ADRIAN DORRELL .....	Ottawa .....	Canadian Studies Degree by course work
B.A. (Carleton)		
D.P.A. (Carleton)		
REX ELYSEE-COLLEN .....	Ottawa .....	French Degree by course work
B.A. (Carleton)		
SUSAN EVELYN FARLEY .....	Ottawa .....	English "The Sacred and the Profane in the Novels of D. H. Lawrence".
B.A. (Ottawa)		
WILLIAM JOHN FENRICK .....	Ottawa .....	Canadian Studies Degree by course work
B.A. (R.M.C.)		
ROBERT NEIL FOURNIER .....	Espanola, Ont. .....	International Affairs Degree by course work
B.A. (Western Ontario)		
SIMON GABA .....	Ghana .....	Public Administration Degree by course work
B.A. (Univ. of Ghana)		
D.P.A. (Carleton)		
RANDY HARROLD .....	Calgary, Alberta .....	International Affairs Degree by course work
B.A. (Alberta)		
IVY ROSINA HEWIS .....	Ottawa .....	Spanish Degree by course work
B.A. (Carleton)		
ROGER MCKENZIE ISAACS .....	Georgetown, Guyana .....	French "Contribution à l'étude des rapports de Baudelaire et Delacroix".
B.A. (Univ. of West Indies)		

LAWRENCE WILLIAM JONES	Ottawa	English "John Steinbeck as Fabulist: A Study of the Major Post-War Fiction".
B.A. (Carleton)		
EVE KASSIRER	Ottawa	Sociology "Professionalization of the Teaching Occupation".
B.S.A. (Guelph)		
PAUL CHRISTOPHER Langley	Orpington, Kent, U.K.	Economics "The Estimation and Determinants of Male Net Migration for the Counties of Ontario 1941-61".
B.Sc. (Univ. of Hull)		
TERRANCE J. LAUGHLIN	Ottawa	Psychology "Alienation and the Physically Handicapped High School Student".
B.A. (Carleton)		
JAMES WILLIAM LIGHTBODY	Manitoba	Canadian Studies Degree by course work
B.A. (Manitoba)		
DUANE JOHNSON MACMILLAN	Ingleside, Ont.	English "From Short Stories to Novel: An Examination of William Faulkner's <i>Pylon</i> , <i>Knight's Gambit</i> , <i>The Unvanquished</i> ".
B.A. (Queen's)		
MAURICE ALAN MARTIN	Ottawa	Psychology "The Role of Repetition in the Hook-up Stage of Paired-Associates Learning".
B.A. (Toronto)		
WYLDA BLANCHE McDERMID	Ottawa	Public Administration Degree by course work
B.A. (Carleton)		
D.P.A. (Carleton)		
LAWRENCE THOMAS RUSSELL McDONALD	Ottawa	English "A Study of the Structure and Meaning of Hawthorne's <i>The Marble Faun</i> ".
B.A. (R.M.C.)		
IAIN HOWELL MCKELLAR	Ottawa	English "The Innocents of Morley Callaghan".
B.A. (Carleton)		
STANLEY EDWARD McMULLIN	Belleville, Ont.	English "The Promised Land Motif in the Works of Frederick Philip Grove".
B.A. (Carleton)		
SHARON MARY MURPHY	Peterborough Ont.	English "Self-Discovery: The Search for Values in the Works of Robertson Davies".
B.A. (Carleton)		
WEIDI NGWILULUPI MWASAKAFYUKA	Tanzania	International Affairs Degree by course work
B.A. (UCLA)		
NICHOLAS EDWARD NORCOTT	Ottawa	Political Science Degree by course work
B.A. (St. Francis Xavier)		
ANATOLE W. POUSHINSKY	Ottawa	Public Administration "Introduction of Collective Bargaining in the Canadian Public Service".
B.Sc. (Alberta)		
D.P.A. (Carleton)		
SUSAN E. RAMUNAS	Ottawa	Psychology "Visual Field Effects in Tachistoscopic Recognition: Scanning or Cerebral Dominance".
B.A. (Carleton)		
JAMES EDGAR REID	Peterborough, Ont.	History Degree by course work
B.A. (Queen's)		
EDOUARD-ANDRÉ ROBERT	Ottawa	Sociology "Social Status, Reference Groups and Students' Aspirations in a Metropolis".
B.A. (Ottawa)		
JULIUS VICTOR RODSETH	Johannesburg, South Africa	English "The Search for Identity in the Plays of Harold Pinter".
B.A. (Univ. of the Witwatersrand)		

GLORIA ROSEMAN .....	Ottawa .....	Psychology
Ph.B. (Northwestern)		"Reversal Learning in Nursery School Children as a Function of Forced Reinforcement and Nonreinforcement".
LEAH Z. SCHNITZER .....	Ottawa .....	Psychology
B.A. (McGill)		"Heat Escape Conditioning and Visual discrimination in the Tiger Salamander ( <i>Ambystoma Tigrinum</i> )".
LAWRENCE JOHN SCHNURR .....	Ottawa .....	International Affairs
B.A. (Waterloo)		Degree by course work
THOMAS WM. LESLIE SHEPPARD .....	Wolfville, Nova Scotia .....	Political Science
B.A. (Acadia)		Degree by course work
THOMAS JAMES STEVENS .....	Ottawa .....	Public Administration
B.A. (British Columbia)		"Committees: A Management Technique in Canadian Public Administration with Special Reference to the Department of National Defence".
D.P.A. (Carleton)		
STEPHEN RUSSELL THOMPSON .....	North Carolina .....	International Affairs
B.A. (North Carolina)		"Coalition Behavior of French Political Parties in the Fifth Republic".
GERARD LOUIS VEILLEUX .....	Ottawa .....	Public Administration
B.A. (Laval)		Degree by course work
BRIAN ERNEST FRANK WEBB .....	Fredericton, New Brunswick .....	Sociology
B.A. (Manitoba)		"Religiosity: Some Problems of Measurement".
JOHN PAUL WESLEY .....	Willowdale, Ont. ....	Canadian Studies
B.A. (Toronto)		Degree by course work

### MASTER OF SCIENCE

Presented by Professor M. S. Macphail, Dean of the Faculty of Graduate Studies

ALLAN JOHN ANDERSON .....	Vernon, Ont. ....	Mathematics
B.Sc. (Carleton)		"Biases in Estimation and Tests of Significance in Sequential Multiple Linear Regression Analysis".
KLAUS RAINER BRASCH .....	Ottawa .....	Biology
B.Sc. (Sir George Williams)		"The Effects of Selective Histone Extraction on the Structure of Erythrocyte Chromatin".
WILLIAM ARTHUR COURT .....	Ottawa .....	Chemistry
B.Sc. (Carleton)		"A Study of the Birch Reduction of 4-Methoxy-benzoic acid. An Approach to the Syntheses of Leurocristine and Vincaleukoblastine".
IOLA MURIEL GRUCHY .....	North Gower, Ont. ....	Biology
B.H.Sc. (Macdonald Inst.)		"The Behaviour of Daphnia Pules de Geer in a Temperature Gradient, with Special Reference to Exposure to DDT and its Effect Upon the Selected Temperature".
GEORGE WALTER HOLLAND .....	Ottawa .....	Chemistry
B.Sc. (Carleton)		"Magnetic Anisotropy as an Aid in Structure Elucidation".
RICHARD GRANT McGREGOR .....	Ottawa .....	Chemistry
B.Sc. (Carleton)		"Thallous-Thallis exchange in solutions of the Chloracetic acids".
ANNE MEACHEM RICK .....	Ottawa .....	Biology
B.Sc. (Florida)		"Mammals from Tikal, Guatemala".

DEMETRE TSATIS .....	Athens, Greece .....	Physics
B.Sc. (Athens)	"The 3.1 MeV Energy Level in C <sup>37</sup> ".	
ADELINA VALENZUELA .....	Chile .....	Biology
M.Sc. (Universidad Catolica de Chile)	"A Morphological Study of the Central Nervous System of the Larva and Adult of <i>Tenebrio Molitor</i> ".	

## MASTER OF ENGINEERING

Presented by Professor M. S. Macphail, Dean of the Faculty of Graduate Studies

TAMIRISA ANANTA APPARAO .....	India .....	Aeronautical Engineering "The Effects of Hydrogen/Carbon Ratio on Gas Turbine Cycle Performance".
B.Eng. (Andara)		
JOSEF CORNU .....	Belgium .....	Electrical Engineering "The Dynamic Operation of Magnetic Reed Relays".
B.A.Sc. (Catholic Univ. of Louvain)		
MICHAEL C. J. COWPLAND .....	Sussex, England .....	Electrical Engineering "Adaptive Strategies for Optimum Adjustment of a PAM Communications Receiver".
B.Sc. (Eng.) (Imperial College, London)		
BRYAN DOUGLAS FORSTER .....	Ottawa .....	Materials Engineering "Coballoy: A New Permanent-Magnet Alloy".
B.Sc. (E.Eng.) (Saskatchewan)		
SATYAVAN IYENGAR .....	Hyderabad, India ....	Aeronautical Engineering "Wave Diagrams for an Exhaust Pulse Generator".
B.Tech. (Mech. Eng.) (Indian Inst. of Technology)		
JOHN MITCHELL .....	Ottawa .....	Aeronautical Engineering "Digital Computation of Acceleration and Deceleration of Multi Spool Gas Turbines".
B.Sc. (Eng.) (Imperial College, London)		
JOHN PAUKSENS, JR. ....	Ottawa .....	Electrical Engineering "Singular Arcs and State Constraints in a Class of Optimal Control Problems".
B.Eng. (Carleton)		
JOHN LEROY PEARCE .....	Ottawa .....	Electrical Engineering "An Approach to the Fourier Transform and the Digital Computer".
B.Eng. (Carleton)		
VOLODYMIR PIASECKYJ .....	Ottawa .....	Electrical Engineering "A Study of Methods for Predicting the Peaks of a Ship's Heaving Motion".
B.A.Sc. (Toronto)		
ALLAN RALPH SMALLEY .....	Uxbridge, Ont. ....	Electrical Engineering "On the Simulation of Randomly Time Variant Communication Channels".
B.Sc. (Queen's)		
QUASEM SUFI .....	East Pakistan .....	Civil Engineering "Moment-Thrust-Curvature Relationships for Steel Wide Flange Beam-Columns Including Strain Hardening".
B.Sc. (Eng.), East Pakistan Univ. of Eng. and Tech.)		
DAI BUI TIEN .....	Saigon, Vietnam .....	Aeronautical Engineering "Effects of Electromagnetic Fields Heat Transfer and Viscous Boundary Layer on Gaseous Detonation Waves".
B.Eng. (Vietnamese Naval Inst. of Tech.)		

## BACHELOR OF ARTS (with Honours)

Presented by Professor D. M. L. Farr, Dean of the Faculty of Arts

CAROL LYNN ANDERSON .....	Ottawa .....	(Third Class Honours Psychology)
TREVOR LESLIE BANKS .....	Ottawa .....	(First Class Honours English)
DAPHNE ELIZABETH BUCKLEY .....	Ottawa .....	(Second Class Honours Geography)
GARY DOUGLAS CLEMENCE .....	Fort Erie, Ont. ....	(First Class Honours Psychology)

ELEANOR ELIZABETH COX	Ottawa	(Second Class Honours History)
GAETAN JOSEPH V. A. DOUCET	North Bay, Ont.	(Second Class Honours History)
ROBERT GORDON FETTERLY	Montreal, Que.	(First Class Honours Sociology)
JANE SUSAN GOODE	Ottawa	(First Class Honours Psychology)
MARY ELLEN GREER	Ottawa	(First Class Honours Psychology)
HARRY DUANE HAYES	Ottawa	(Second Class Honours Psychology)
FRANK GEORGE HUNTER	Napanee, Ont.	(High Second Class Honours Geography)
THEODORE CYRIL JENKINS	Brooklyn, N.Y.	(Second Class Honours English)
ROGER GEORGE KELLAWAY	Ottawa	(High Second Class Honours Geography)
JOHN FRANKLIN LESLIE	Ottawa	(High Second Class Honours History)
GILBERT JOHN PAINTER	Peterborough, Ont.	(First Class Honours Sociology)
STIG BRUNO PUSCHEL	Naughton, Ont.	(High Second Class Honours Political Science)
KIPLIN CLAUDE ROBINSON	St. Thomas, Jamaica	(First Class Honours Political Science)
DOUGLAS ARTHUR ROSENTHAL	Pointe Claire, Que.	(Second Class Honours Political Science)
EDMUND ARTHUR SEMMENS	Ottawa	(First Class Honours Mathematics)
ERIC BRUCE SHACKLETON	Bowmanville, Ont.	(High Second Class Honours Political Science)
LILLIAN LORNA SNAITYNSKI	Ottawa	(High Second Class Honours Psychology)
RICHARD HERBERT STANLEY	Ottawa	(First Class Honours Economics)
MICHAEL BRADLEY SULLIVAN	Ottawa	(High Second Class Honours Spanish)
KONRAD WINRICH VON FINCKENSTEIN	Ottawa	(High Second Class Honours Political Science)

## BACHELOR OF ARTS

Presented by Professor D. M. L. Farr, Dean of the Faculty of Arts

NANCY ELIZABETH ADAMS	Ottawa	MARK PATRICK FORTUNE	Ottawa
LOIS-TERRI ALLISTER	Montreal, Que.	MINARD GORDON FOSTER	Ottawa
JOHN THOMAS AMBRIDGE	Ottawa	MICHAEL CHARLES FOULDS	Toronto, Ont.
JUDITH ELLEN ANDERSON	Hull, Que.	SUSAN PATRICIA FRASER	Ottawa
SUSAN ETHEL GAY BAXTER	Montreal, Que.	DANIEL BARTLEY FULCHER	Winnipeg, Man.
PENNY CHERYL BENSON	Manotick, Que.	SUSAN NAOMI GERMAINE	Halifax, N.S.
RUTH BRYNA BERGER	Ottawa	JULIA KATHLEEN GODDING	Ottawa
MESFIN BIROU	Ottawa	MURRAY GOLDSTEIN	Ottawa
MARGARET ANNE BOND	Ottawa	ROBERT SYDNEY GOODSON	Kingston, Ont.
WILLIAM BORGER	Ottawa	JEAN AGNES GORDON	Calgary, Alta.
NANCY ANN BOTTOMLEY	Ottawa	AMELIA SCOTT GOULD	Ottawa
JOHN HARRY BOURASSA	Ottawa	MARY ANNE GRIFFITH	Ottawa
BRENDA JOANNE BOYD	Ottawa	VERA GROSSMAN	Ottawa
JOHN EDWARD STUART BRIGGS	Ottawa	ELIZABETH ANN GURNETT	Belleville, Ont.
JEAN MICHEL CARON	Ottawa	MARILYN JUNE MARY HAYHOE	Ottawa (with distinction)
ANN ELLEN CHOQUETTE	Ottawa	DAVID GEOFFREY HILCHIE	Ottawa
POPIE CLADEMENOS	Ottawa	PETRA KATHLEEN HORNE	Ottawa
RICHARD JAMES CLARINGBULL	Ottawa	HEIDI HUISING	New York, N.Y.
MARY MICHELLE CONNOLLY	Ottawa	KATHERINE ELAINE HUNTER	Ottawa
JAMES POWELL COULTER	Ottawa	IRENE ERIKA ILCZYSZYN	Toronto, Ont.
JOHN DOUGLAS COWARD	Vancouver, B.C.	JOHN DOUGLAS IRVIN	Ottawa
DOUGLAS STANLEY CROTTEAU	Ottawa	JEFFREY PHILLIP JACKSON	Ottawa
ELIZABETH FRANCES CULLEY	Ottawa	BAIHAKI BIN JAMEL	Sarawak, Malaysia
SHARON ANNE WYMAN CUNNINGHAM	Ottawa	JENNIE LYLA JAMIESON	Glensandfield, Ont.
JOHN GRIER DAVIDSON	Kemptville, Ont.	THOMAS JOHN KANIGAN	Ottawa
ERNEST MICHAEL DE BEAUPRÉ	Ottawa	SUSAN FAITH KARAMMESSINES	Ottawa
PETER CLIFTON DEVITT	Ottawa	JOHN RICHARD KERSTER	Ottawa
WILLIAM ROBERT DUNN	Granby, Que.	KATHIERINE ANNE KIMBERLEY	Ottawa
RHODA JEAN EISENSTADT	Ottawa	IRENE KODAK	Ottawa
HOWARD MICHAEL EPSTEIN	Ottawa	RAYMOND MAURICE LAFRAMBOISE	Ottawa
VICTORIA ELIZABETH FAWCETT	Ottawa	GERMAIN LIQUORI LALONDE	Ottawa
MARY CATHERINE FENYOE	Toronto, Ont.	BRYAN GEORGE LAPEER	Ottawa
JANE ALISON FLEMING	Ottawa	JOHN WILLIAM MACNAUGHT	Ottawa
BARBARA JOAN FLOUTON	Wilton, Conn.		

JOHN BRUCE MALLON .....	Ottawa
WILLIAM THOMAS MARCHANT .....	Ottawa
PETER FREDERICK MARSHALL .....	Dorval, Que.
ROBERT JAMES MARTIN .....	Cooksville, Ont.
JOHN DAVID MATHESON .....	Lindsay, Ont.
BARBARA ANN MAXWELL .....	Ottawa
MARCIAC McClung .....	Ottawa
HELEN ELIZABETH McCUAIG .....	Ottawa
MARLENE ANNE McEVoy .....	Ottawa
MARGARET JEAN McGIVERIN .....	Montreal, Que.
DOUGLAS WILSON MCKERCHER .....	Ottawa
MARGARET ELSPETH MCKNIGHT .....	Ottawa
KEN JEREMIAH MKONDA .....	Malawi
CHARLES GEORGE MORGAN .....	Ottawa (with distinction)
ALLAN RICHARD MUNROE .....	Ottawa
RICHARD VICTOR JAMES NAHABEDIAN	Toronto, Ont.
HUGO NAVARRO ALVAREZ .....	Columbia, S.A.
PETER HATI NYUMAY .....	Sarawak, Malaysia
PATRICK DARCY O'KEEFE .....	Ottawa
CHRISTINA AYODELE OLAREWAJU ..	London, Eng.
J. A. E. M. MARCEL MARK PICHETTE	Quebec, Que. B.A. (St. Anne's)
LARRY JOSEPH POIRIER .....	Greenfield, Ont.
CATHERINE ELIZABETH RATCLIFFE	Burlington, Ont.
WAYNE JOHN READY .....	Toronto, Ont.
CHERYL ELIZABETH REAY .....	Montreal, Que.
DIANE EVELYN REYCRAFT .....	Montreal, Que.
MARGO ANNE RICHARDSON .....	Ottawa
JOHN EDWARD ROBESON .....	Smiths Falls, Ont.

JOAN CLAUDETTE VERONICA ROBINSON .....	St. Thomas, Jamaica
RICHARD LAWRENCE ROLLINS .....	Ottawa
MARC-MICHAEL SACKARNDT .....	Ottawa
ALBERTA IREENE SAUNDERS .....	Kingston, Ont.
SANDRA SEGAL .....	Ottawa
JANET ELIZABETH SHEA .....	Ottawa
GRACE KINGS SHENNAN .....	Ottawa
HENDRIK FRANCISCUS SLEGTEHORST .....	Montreal, Que.
ELAINE SANDRA SLONE .....	Ottawa
GREGORY FARADAY SMITH .....	Ottawa
NANCY EILEEN SMITH .....	Montreal
SHIRLEY MAE SMITH .....	Lockeport, N.S.
ROBERT JAMES EMERSON SPRECKLEY .....	Ottawa
MATHEW STEFUREAK .....	Ottawa
MORAG-JEAN STEVENSON .....	Ottawa
BRENDA GALE STEWART .....	Ottawa
BARBARA LYNNE STOLLERY .....	Calgary, Alta.
Elsa Maria Thompson .....	Ottawa
Elisabeth Anne von TETTENBORN	Rimbey, Alta.
FRANCIS EDMUND WADE .....	Ottawa
BARBARA LOIS WARD .....	Toronto, Ont.
DAVID GEORGE WARD .....	Ottawa
CHERYL MARY LORRAINE WARFORD .....	Quebec, Que.
VICTORIA MARY WEIL .....	Montreal, Que.
ANTHONY ROBERT WELLAND .....	Ottawa
SHIRLEY MARGARET WETMORE .....	Ottawa
SHEILA MARGARET WHITING .....	Ottawa
PATRICK MURRAY WILSON .....	Chatham, N.B.
REID SCOBIE YOUNG .....	Ottawa

### ST. PATRICK'S COLLEGE DIVISION

Presented by Professor John J. Kelly, Dean of the St. Patrick's College division of the Faculty of Arts

LEONARDO BARROS .....	Hong Kong
PETER HUGH BROWN .....	Mallorytown, Ont.
COLLEEN MARGARET CLINE .....	Ottawa
LAWRENCE RHEAL CÔTÉ .....	Ottawa
HEPSY EDWARDS .....	Ottawa
DAVID HARPER .....	Campbellford, Ont.
EDNA C. KIBEE .....	Ottawa
G. A. J. LAVELLE .....	Ottawa
THOMAS L. LAVOIE .....	Arnprior, Ont.
CATHERINE LEROUX .....	Ottawa
BRYSON MACDONALD .....	Ottawa
BROCK MACDOUGALL .....	Ottawa

BRIAN MAHONEY .....	Ottawa
MARIA MARTIN .....	Ottawa
ROSS B. MAXWELL .....	Ottawa
MARION G. MICHEL .....	Ottawa
FRANK B. MUSCA .....	Ottawa
SISTER P. A. NUGENT .....	Yamasa, Dominican Republic
JOHN B. PIAZZA .....	Ottawa
MARY DIANE SIMS .....	Ottawa
BRUCE THOMAS .....	Toronto, Ont.
WILLIAM F. TIGHE .....	Ottawa
JOSEPH TRDAK .....	Cooksville, Ont.

### BACHELOR OF SCIENCE (with Honours)

Presented by Professor H. H. J. Nesbitt, Dean of the Faculty of Science

ELLY BOLLEGRAAF .....	Carleton Place, Ont. ....	(Second Class Honours Biology)
NICHOLAS STEPHEN CARTWRIGHT .....	Auckland, N.Z. ....	(High Second Class Honours Chemistry)
IAN McMaster .....	Ottawa ....	(High Second Class Honours Mathematics)

## BACHELOR OF SCIENCE

Presented by Professor H. H. J. Nesbitt, Dean of the Faculty of Science

ALLAN ROBERT ANDERSON .....	Ottawa	CATHERINE ANNE JOYNT .....	Ottawa
CHARLES WILLIAM BROWN .....	Ottawa	LOTHAR WALTER KLIMPEL .....	Ottawa
DOUGLAS KENNETH CHARLES .....	Ottawa	SANDRA GAIL LAWRENCE .....	Hull, Que.
RICHARD THOMAS DAUPHINEE .....	Ottawa	GEOFFREY RICHARD MACE .....	Ottawa
RUTH ELIZABETH DEMAYO .....	Ottawa	DOUGLAS LORNE MALLON .....	Ottawa
PETER BENITO DRAAYER .....	Aylmer, Que.	UDO ALFRED MEHNER .....	Vankleek Hill, Ont.
JEAN-PIERRE FARANT .....	Ottawa	RUTH SUZANNE MILNE .....	Carp, Ont.
BRIAN MURRAY FRASER .....	Ottawa	JOHN HARTLEY PINDER-MOSS ..	Kemptville, Ont.
GARY MYRON HARASYM .....	Ottawa	DAVID BRUCE ROSS .....	Hull, Que.
WAI LIN JACQUELINE HO .....	Hong Kong	JOHN HOWARD ADDISON SMITH .....	Ottawa
HAROLD RICHARD HOVEY .....	Ottawa	BRIAN EDWARD THORSTEINSON .....	Ottawa

## BACHELOR OF COMMERCE

Presented by Professor G. C. Merrill, Associate Dean of the Faculty of Arts

WILLIAM NICHOLSON BUSH ....	Montreal, Que.	BARRIE CAMERON STEWART ...	Huntingdon, Que.
WARREN MICHAEL JOHNSON .....	Ottawa	ALEXANDER PRINGLE TAYLOR .....	Ottawa
DOUGLAS WILLIAM LINGARD ....	Cobourg, Ont.	NANCY ELIZABETH WHITE .....	Ottawa
CATHERINE GAYLE MACMILLAN .....	Ottawa		

## ST. PATRICK'S COLLEGE DIVISION

Presented by Professor John J. Kelly, Dean of the St. Patrick's College division of the Faculty of Arts

STUART J. CAMERON .....	Ottawa	SIKANDAR SINGH .....	Ottawa
RICHARD F. FULFORD .....	Ottawa	B.A. (Punjab University)	
WM. EDMUND MACDONALD ..	Rockingham, N.S.	DENIS T. WILKINSON .....	Ottawa
JOHN H. STEWART .....	Ottawa		

## BACHELOR OF JOURNALISM

Presented by Professor D. M. L. Farr, Dean of the Faculty of Arts

PHILIP JOHN GIBSON .....	Ottawa	GARY JAMES SIROIS .....	Ottawa
JOAN-MARIE HUNTLEY .....	Ottawa	KATHLEEN JEAN THOMS .....	Ottawa
PEGGI LYNNE MACE .....	Carleton Place, Ont.	B.A. (Sir George Williams)	
LANETTE FREDRIS RYAN .....	Ottawa		

## BACHELOR OF ENGINEERING

Presented by Professor John Ruptash, Dean of the Faculty of Engineering

## BACHELOR OF ENGINEERING (CIVIL)

DAVID JOHN DARCH .....	Ottawa	LOUIS TANNIS .....	Ottawa
WILLIAM RAY LANKINEN .....	Ottawa		

## BACHELOR OF ENGINEERING (ELECTRICAL)

ROBERT ROY BORLAND .....	Prescott, Ont.	BRYAN JAMES THOMAS WILKINS .....	Ottawa
ANDRE C. PERRAS .....	Ottawa		

## **RECIPIENTS OF DIPLOMAS AND CERTIFICATES**

Presented by Professor R. O. MacFarlane, Director of the School of Public Administration

### **DIPLOMA IN PUBLIC ADMINISTRATION**

PETER HUGH AYKROYD, B.A. Sc. (University of Toronto) .....	Ottawa
JOSEPH JAMES BRAY, B.A. (McGill) .....	Ottawa
SILVERIO LWIINDI CHIMUKA, B.A. (University of South Africa) .....	Ottawa
DAVID RUSSELL DUNLOP, B.A. (Carleton) .....	Ottawa
IVAN ERDODY, B.A. (Carleton) .....	Ottawa
LIAN CHIONG KONG, B.A. (Carleton) .....	Sarawak, Malaysia
ROBERT JAMES LYLE, B.A. (University of British Columbia) .....	Ottawa
GODFREID GEORMBEEYI MORTTY .....	Ottawa
GREGORY WILLIAM ROWBOTHAM, A.B. (U.C.L.A.) .....	Burlingame, Calif.

### **CERTIFICATE IN PUBLIC SERVICE STUDIES**

LESLIE DOUGLAS ALLATT .....	Ottawa
PHILIP TREVOR DIXON .....	Bells Corners, Ont.
SOEWARNO HANDAJANINGRAT .....	Djakarta, Indonesia
JOHN FRANCIS HODGINS .....	North Gower, Ont.
ROBERT FREDERIC JAMES INGRAM .....	Ottawa
ROBERT ERNEST KEDDY .....	Ottawa
JOSEPH WILLIAM HERVE POIRIER .....	Hull, Que.
BHACHERN YIMNIAM .....	Bangkok, Thailand

#### **● Assisting the Chancellor at Convocation will be:**

J. I. Jackson, B.A., M.F.A., Registrar, Cyril G. Williams, B.A., B.D., M.A., Associate Professor of Religion, John M. Morton, M.Sc., M.A., Ph.D., F.C.I.C., Professor of Chemistry, T. W. Betz, M.A., Ph.D., Assistant Professor of Biology, John B. Zachary, O.M.I., M.Sc., Registrar, St. Patrick's College, Elizabeth M. Buckley, B.A., Assistant Registrar.









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